

AMENDMENTS TO THE CLAIMS

1. (Previously presented) A polyalkyl benzimide polymeric dispersant consisting of the reaction product of a polyisobutylene amine with 1,2,4-benzenetricarboxylic anhydride, wherein the chain length of the polyisobutylene amine is such as to make the reaction product compatible with a non-polar colorant dispersion.

2 – 10. (Canceled)

11. (Currently amended) A colorant dispersion non-polar combination comprising at least about ~~45~~ 40 wt.% of a colorant and the polyalkyl benzimide dispersant of claim 1.

12. (Original) The colorant dispersion of claim 11 having a viscosity of less than about 150 Pa.s.

13. (Original) The colorant dispersion of claim 11 wherein said colorant is selected from the group consisting of organic pigments, inorganic pigments, dyes and carbon black.

14. (Original) The colorant dispersion of claim 13 wherein said colorant is a laked organic pigment.

15. (Previously presented) The colorant dispersion of claim 14 wherein said laked organic pigment is selected from the group consisting of beta naphthol laked pigments, 2-hydroxy-3-naphthoic acid laked pigments, naphthol laked pigments, and naphthalene sulfonic acid laked pigments.

16. (Original) The colorant dispersion of claim 14 wherein said laked organic pigment is selected from the group consisting of Pigment Red 49, Pigment Red 49:1, Pigment Red 49:2, Pigment Red 50:1, Pigment Red 51, Pigment Red 53, Pigment Red 53:1, Pigment Red 53:3, Pigment Red 68, Pigment Orange 16, Pigment Orange 17:1, Pigment Orange 46, Red 48:1, Pigment Red 48:2, Pigment Red 48:3, Pigment Red 48:4, Pigment Red 48:5, Pigment Red 52:1, Pigment Red 52:2, Pigment Red 57:1, Pigment Red 58:2, Pigment Red 58:4, Pigment Red 63:1, Pigment Red 63:2, Pigment Red 64, Pigment Red. 64:1, Pigment Red 200, Pigment Brown 5, Pigment Red 151, Pigment Red 237, Pigment Red 239, Pigment Red 240, Pigment Red 243, Pigment Red 247, Pigment Yellow 104, Pigment Orange 19, Pigment Red 60, Pigment Red 66, and Pigment Red 67.

17. (Original) The colorant dispersion of claim 11 wherein 65 wt.% of colorant is present.

18. (Original) The colorant dispersion of claim 11 wherein 1 wt.% to about 15 wt.% of said dispersant is present.

19. (Original) The colorant dispersion of claim 11 wherein 10 wt.% of said dispersant is present.

20. (Original) A printing ink composition comprising the pigment dispersion of claim 11.

21. (Original) A printing ink composition of claim 20 wherein the printing ink is selected from the group consisting of lithographic and gravure printing ink.

22. (New) A polyalkyl benzimide polymeric dispersant consisting of the liquid reaction product of a polyisobutylene amine with 1,2,4-benzenetricarboxylic anhydride, wherein the chain length of the polyisobutylene amine is such that a non-polar colorant dispersion in which the colorant concentration is about 40 to 90% and the reaction product concentration is about 1 to 15% has a viscosity of less than about 150Pa.s and a relative interfacial tension drop of less than about 1.5.

23. (New) A colorant dispersion non-polar combination comprising at least about 40 wt.% of a colorant and the polyalkyl benzimide dispersant of claim 22.

24. (New) A colorant dispersion non-polar combination comprising at least about 45 wt.% of a colorant and the polyalkyl benzimide dispersant of claim 22.

25. (New) The colorant dispersion of claim 23 wherein said colorant is selected from the group consisting of organic pigments, inorganic pigments, dyes and carbon black.

26. (New) The colorant dispersion of claim 23 wherein said colorant is a laked organic pigment.

27. (New) The colorant dispersion of claim 23 wherein 65 wt.% of colorant is present.

28. (New) The colorant dispersion of claim 23 wherein 1 wt.% to about 15 wt.% of said dispersant is present.

29. (New) The colorant dispersion of claim 23 wherein 10 wt.% of said dispersant is present.

30. (New) A printing ink composition comprising the pigment dispersion of claim 23.

31. (New) A printing ink composition of claim 30 wherein the printing ink is selected from the group consisting of lithographic and gravure printing ink.

32. (New) A colorant dispersion non-polar combination comprising at least about 45 wt.% of a colorant and the polyalkyl benzimide dispersant of claim 1.